ABSTRACT OF THE DISCLOSURE

A method of instrumenting a COM object is disclosed. The COM object is invoked by a client for performing a selected business logic. The method comprises intercepting a request from the client for creating the COM object. A wrapper object corresponding to the requested COM object is then generated. The wrapper object implements a universal interface having a plurality of virtual functions each indexed by a number corresponding to an index number of a method associated with an interface of the requested COM object, and the client is provided with a reference pointer to the wrapper COM object. Upon invocation of a method associated with an interface of the requested COM object by the client, a virtual function of the universal interface of the wrapper object, which is indexed by a number corresponding to an index number of the requested method, is invoked. The invoked virtual function references instructions for saving a start time marker, executing instructions corresponding to the requested method, and saving a stop time marker upon completion of execution of the instructions associated with the requested method.

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